

File 348:EUROPEAN PATENTS 1978-2006/ 200632
 (c) 2006 European Patent Office
 File 349:PCT FULLTEXT 1979-2006/UB=20060810,UT=20060803
 (c) 2006 WIPO/Univentio
 File 350:Derwent WPIX 1963-2006/UD=200651
 (c) 2006 The Thomson Corporation
 File 324:German Patents Fulltext 1967-200631
 (c) 2006 Univentio

Set	Items	Description
S1	536907	IDENTIFIER? ? OR ID OR IDS
S2	8240	FID OR FIDS
S3	82871	S1:S2(5N)(EMBED? OR IMBED? OR ENCOD???? ? OR INCOD???? ? OR INCORPORAT? OR COMBIN??? ? OR COMBINATION OR INCLUD? OR INCLUS?)
S4	80575	S1:S2(5N)(CONCATENAT? OR INTEGRAL? OR INTEGRAT? OR CONSTITUT? OR SUBSUM? OR COMPRIS? OR ENCOMPASS? OR CONTAIN??? ? OR COMPOSITE? ?)
S5	6999	S1:S2(5N)(COMPOSING OR COMPOSE? ? OR APPEND? ? OR APPENDED OR APPENDING)
S6	17439	S1:S2(5N)(ATTACH??? ? OR LINK??? ?)
S7	11177	S1:S2(5N)PART
S8	5095363	ATTRIBUTE OR ATTRIBUTES OR SIZE OR CHARACTERISTIC? ? OR PARAMET??? ? OR FEATURE OR FEATURES OR PROPERTY? OR PROPERTIES - OR TRAIT? ?
S9	386825	CLASSIFICATION? ? OR (OCCURR????? ? OR OCCUR????? ?)(2N)(FREQUEN? OR NUMBER OR OFTEN)
S10	973552	DOCUMENT? ? OR FILE OR FILES OR COMPUTERFILE? OR TEXTFILE? OR IMAGEFILE? OR DATAFILE? OR SOUNDFILE? OR MEDIAFILE? OR SON- GFILE?
S11	1902122	AUDIOFILE? OR AVFILE? OR VIDEOFILE? OR MUSICFILE? OR VIDEO- CLIP? OR MOVIECLIP? OR VIDEO? ? OR FILM? ? OR MOVIE? ? OR FIL- MSTRIP?
S12	31288	MOTIONPICTURE? OR (MOTION OR MOVING)()PICTURE? ?
S13	248113	(S8:S9 OR DATE)(5N)S10:S12
S14	98235	S1:S2(5N)(COMPRIS??? ? OR INCLUD??? ?)
S15	73219	(OCCURR????? ? OR OCCUR????? ?)(2N)(FREQUEN????? ? OR NUMBER OR OFTEN)
S16	1268	S15(5N)S10:S12
S17	8929	(S3:S7 OR S14)(5N)(S8:S9 OR S15 OR DATE)
S18	539	(S13 OR S16)(25N)S17
S19	45025	IC='G06F-007'
S20	72614	IC='G06F-017/30'
S21	10	S18 AND S19
S22	117	S18 AND S20
S23	14099	MC='T01-J05B3'
S24	19437	MC='T01-J05B4P'
S25	1379	MC='T01-J11D'
S26	5884	MC='T01-N03A2'
S27	13	S18 AND S23:S26
S28	22	S21 OR S27
S29	10	S28 AND AC=US/PR AND AY=(1963:2002)/PR
S30	11	S28 AND AC=US AND AY=1963:2002
S31	11	S28 AND AC=US AND AY=(1963:2002)/PR
S32	8	S28 AND PY=1963:2002
S33	14	S29:S32
S42	42	S38:S41
S43	137225	S10:S12(5N)(SEARCH? OR RETRIEV? OR SORT??? ? OR QUERY? OR - QUERIE? ? OR IR OR HARVEST? OR ACCESS?? ? OR ACCESSING OR MIN- E? ? OR MINING)
S44	14117	S10:S12(5N)(DATAMIN? OR FETCH? OR ACQUIR? OR ACQUISITION? - OR TEXTSEARCH?)
S45	79	S18(50N)S43:S44
S46	38	S45 AND AC=US/PR AND AY=(1963:2002)/PR

S47	39	S45 AND AC=US AND AY=1963:2002
S48	39	S45 AND AC=US AND AY=(1963:2002)/PR
S49	41	S45 AND PY=1963:2002
S50	45	S46:S49 NOT S28
S51	690522	COLUMN?? ?
S52	471276	KEY? ?
S53	8530	S51:S52(25N)(S3:S7 OR S14)
S54	743	S53(25N)S17
S55	15	S54(25N)S43:S44
S56	8	S55 NOT (S28 OR S45)
S57	17	S54(50N)S43:S44
S58	2	S57 NOT (S28 OR S45 OR S55)

33/69,K/7 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 The Thomson Corporation. All rts. reserv.

0013276433 - Drawing available

WPI ACC NO: 2003-362534/200334

XRPX ACC No: N2003-289565

Distributed database management system for computer system, retrieves portion of data files for graphic reproduction at user platform by selectively executing application modules of host platform

Patent Assignee: EIKENBERY S A (EIKE-I); IDEAL SCANNERS & SYSTEMS INC (IDEA-N)

Inventor: EIKENBERY S A

Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20030028538	A1	20030206	US 2001308572	P	20010731	200334 B
			US 2002207237	A	20020730	
US 7016901	B2	20060321	US 2002207237	A	20020730	200621 E

Priority Applications (no., kind, date): US 2001308572 P 20010731; US 2002207237 A 20020730

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20030028538	A1	EN	20	10	Related to Provisional US 2001308572

Alerting Abstract US A1

NOVELTY - A host platform controls the access to data files stored in a storage unit. A file record corresponding to each data file is generated, based on a preselected set of configurational parameters. The application modules of host platform are selectively executed in response to user platform actuation, to retrieve a portion of the data files for graphic reproduction at an user platform.

DESCRIPTION - An INDEPENDENT CLAIM is also included for method of managing distributed database.

USE - For computer system.

ADVANTAGE - The system enables the user to perform streamlined browsing and view graphically rendered data files of a distributed database without entirely downloading the file. Enables sufficient control at a host site for a system administrator to monitor and configure both nature and scope of a particular user's access to a distributed database.

DESCRIPTION OF DRAWINGS - The figure shows a schematic view of the distributed database management system.

Title Terms/Index Terms/Additional words: DISTRIBUTE; DATABASE; MANAGEMENT; SYSTEM; COMPUTER; RETRIEVAL; PORTION; DATA; FILE; GRAPHIC; REPRODUCE; USER; PLATFORM; SELECT; EXECUTE; APPLY; MODULE; HOST

Class Codes

International Classification (Main): G06F-007/00

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0017/30 A I F B 20060101

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B4A; T01-J05B4M

200334

Class Codes

International Classification (Main): G06F-007/00

Original Publication Data by Authority

Claims:

...maintaining a system index table containing for each said electronic data file at least one file record of identifying attributes corresponding thereto, said attributes including an alphanumeric document identifier, a document sheet indicator, and a document revision indicator, said host platform being operable to...

33/69,K/8 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 The Thomson Corporation. All rts. reserv.

0012853914 - Drawing available

WPI ACC NO: 2002-712615/

XRPX ACC No: N2002-562144

Document management system provides property data of document association object to recognize particular relation that links reference source document section to referenced-material document section

Patent Assignee: ICHIHARA M (ICHI-I); RICOH KK (RICO)

Inventor: ICHIHARA M

Patent Family (2 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20020120612	A1	20020829	US 200279422	A	20020222	200277	B
JP 2002259414	A	20020913	JP 200154776	A	20010228	200277	E

Priority Applications (no., kind, date): JP 200154776 A 20010228

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20020120612	A1	EN	18	8	
JP 2002259414	A	JA	7		

Alerting Abstract US A1

NOVELTY - A management unit generates property data with identifiers to indicate a section of the reference source and referenced-material documents, of a document association object. The management unit provides the property data to recognize a particular relation that links the reference source document section to the referenced-material document section.

DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- 1.Document management method; and
- 2.Computer readable storage medium storing document managing program.

USE - For managing documents registered in database.

ADVANTAGE - Since the property data of the document association object is provided to recognize a particular relation that links the reference source document section to the referenced-material document section, the efficiency of the document management process is improved.

DESCRIPTION OF DRAWINGS - The figure shows the flowchart explaining the document association management procedure.

Title Terms/Index Terms/Additional words: DOCUMENT; MANAGEMENT; SYSTEM; PROPERTIES; DATA; ASSOCIATE; OBJECT; RECOGNISE; RELATED; LINK; REFERENCE; SOURCE; SECTION; MATERIAL

Class Codes

International Classification (Main): G06F-017/30, G06F-007/00

File Segment: EPI;

DWPI Class: T01
Manual Codes (EPI/S-X): T01-J05B2; T01-J05B4P ; T01-S03

Class Codes

...International Classification (Main): G06F-007/00
...Manual Codes (EPI/S-X): T01-J05B4P

Original Publication Data by Authority

Original Abstracts:

...reference-source document to a referenced-material document in the database. A management unit generates property data of the document association object, the property data including a first identifier indicating a section of the reference-source document and a second identifier indicating a section of the referenced-material document, wherein the property data is provided to recognize a particular relation that links the reference-source document section...

Claims:

...source document to a referenced-material document in the database; and a management unit generating property data of the document association object, the property data including a first identifier indicating a section of the reference-source document and a second identifier indicating a section of the referenced-material document, wherein the property data of the document association object is provided to recognize a particular relation that links the reference-source document...

33/69,K/9 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 The Thomson Corporation. All rts. reserv.

0011140230 - Drawing available

WPI ACC NO: 2002-077020/

XRPX ACC NO: N2002-056848

Computer implemented document classification information storage method in Internet, involves determining and combining binary identifiers for each classification of document received from user

Patent Assignee: NUA LTD (NUAN-N)

Inventor: HOLMES T; LACHTNAIN A O; MCGOVERN G; OLEARY G; REA A; SEALY P

Patent Family (2 patents, 25 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
EP 1160683	A2	20011205	EP 2000203095	A	20000907	200211 B
IE 81854	B3	20010808	IE 2000407	A	20000524	200211 E

Priority Applications (no., kind, date): IE 2000407 A 20000524

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
--------	------	-----	----	-----	--------	-------

EP 1160683	A2	EN	26	10		
------------	----	----	----	----	--	--

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR

IE IT LI LT LU LV MC MK NL PT RO SE SI

IE 81854	B3	EN
----------	----	----

Alerting Abstract EP A2

NOVELTY - A binary identifier is determined for each classification of a document received from a user. The determined identifiers are combined to produce a combined binary identifier which is stored in a database in association with the document.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.Computer readable medium that stores the document classification information storage program;

2.Computer implemented document searching method;

3.Computer readable medium that stores the document searching program

USE - For storing document classification information in server connected to Internet, LAN or WAN.

ADVANTAGE - Since a binary identifier is determined for each classification of the document, a desired document is searched efficiently in a short time.

DESCRIPTION OF DRAWINGS - The figure shows the flowchart explaining document searching process.

Title Terms/Index Terms/Additional words: COMPUTER; IMPLEMENT; DOCUMENT; CLASSIFY; INFORMATION; STORAGE; METHOD; DETERMINE; COMBINATION; BINARY; IDENTIFY; RECEIVE; USER

Class Codes

International Classification (Main): G06F-017/30
(Additional/Secondary): G06F-017/21

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B2; T01-J05B4P ; T01-N02A3C; T01-N03A2 ; T01-S03...

Computer implemented document classification information storage method in Internet, involves determining and combining binary identifiers for each classification of document received from user

Class Codes

...Manual Codes (EPI/S-X): T01-J05B4P ...

... T01-N03A2

Original Publication Data by Authority

Original Abstracts:

...linked in a hierarchical structure (140,142,144,146), including the steps of obtaining the classifications for a document for a first category; determining a binary identifier for the document for each of the obtained classifications in the first category, combining the determined binary identifiers to produce a combined binary identifier, and storing the combined binary identifier in a datastore in association with the document. The invention further provides for a computer...

Claims:

...linked in a hierarchical structure (140,142,144,146), comprising the steps of: obtaining the classifications for a document for a first category; determining a binary identifier for the document for each of the obtained classifications in the first category, combining the determined binary identifiers to produce a combined binary identifier, and storing the combined binary identifier in a first datastore in association with the document.]

33/69,K/10 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 The Thomson Corporation. All rts. reserv.

0010833574 - Drawing available

WPI ACC NO: 2001-451198/

XRFX ACC No: N2001-334095

Document managing method involves creating and storing document profile and generating unique identifier having portion including attribute descriptive information and portion including automatically generated number

Patent Assignee: BENDIK M M (BEND-I)

Inventor: BENDIK M M

Patent Family (4 patents, 92 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 2001014984	A1	20010301	WO 2000US22646	A	20000818	200148	B
AU 200067834	A	20010319	AU 200067834	A	20000818	200148	E
US 20020002563	A1	20020103	US 1999378785	A	19990823	200207	E
US 20020046224	A1	20020418	US 1999378785	A	19990823	200228	E
			US 200127879	A	20011221		

Priority Applications (no., kind, date): US 200127879 A 20011221; US 1999378785 A 19990823

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
--------	------	-----	----	-----	--------------

WO 2001014984	A1	EN	76	9	
---------------	----	----	----	---	--

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200067834	A	EN			Based on OPI patent WO 2001014984
--------------	---	----	--	--	-----------------------------------

US 20020046224	A1	EN			Continuation of application US 1999378785
----------------	----	----	--	--	---

Alerting Abstract WO A1

NOVELTY - Document profile including fields of attributes of the document is created and stored and an unique identifier is generated for the document. Unique identifier is equipped with a portion including information describing the attribute of the document and a portion including an automatically generated number.

DESCRIPTION - An INDEPENDENT CLAIM is also included for the computer implemented document management system.

USE - In computer network.

ADVANTAGE - Does not need to perform length searches in large database and enables to create e-mail without having to exit the document management system and switch to e-mail program. Facilitates access to information through a browser without additional hardware or software. Simplifies hardware requirements and ensures compliance with company policy and consistent formatting in generating documents. Allows linking of document profile with other types of documents or files. Passes the unique document identifier, title and author to the external application automatically and allows 32 bit applications to be integrated into the system.

DESCRIPTION OF DRAWINGS - The figure illustrates the structure of the document management system.

Title Terms/Index Terms/Additional words: DOCUMENT; MANAGE; METHOD; STORAGE ; PROFILE; GENERATE; UNIQUE; IDENTIFY; PORTION; ATTRIBUTE; DESCRIBE; INFORMATION; AUTOMATIC; NUMBER

Class Codes

International Classification (Main): G06F-015/00

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-H07C1; T01-H07C5E; T01-J05A2; T01-J05B2;

T01-J05B3 ; T01-J11D ; T01-J12B...

...NOVELTY - Document profile including fields of attributes of the document is created and stored and an unique identifier is generated for the document. Unique identifier is equipped with a portion including information describing the attribute of the document and a portion including an automatically generated number.

Class Codes

...Manual Codes (EPI/S-X): T01-J05B3 ...

... T01-J11D

33/69,K/12 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 The Thomson Corporation. All rts. reserv.

0010775420 - Drawing available

WPI ACC NO: 2001-389997/

XRPX ACC No: N2001-286914

System for concatenating documents from multiple sources, which do not share common format or unique identifier for each attribute ; concatenates document with requested data entry with other documents having same attribute and ID

Patent Assignee: MEDICAL DATA SERVICES GMBH (MEDI-N)

Inventor: ELFERING I; RESCHKE J

Patent Family (1 patents, 20 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2001040991	A1	20010607	WO 2000EP11797	A	20001124	200141 B

Priority Applications (no., kind, date): GB 199928209 A 19991129

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2001040991	A1	EN	16	2	

National Designated States,Original: US
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE
IT LU MC NL PT SE TR

Alerting Abstract WO A1

NOVELTY - The system determines whether an attribute shares a common identifier with the documents to concatenate it with other documents based on the selected attribute and identifier. Otherwise, the document is marked as being parked on the database, and requests additional information regarding the attribute from the data provider, which are then entered in the attribute marked parked. The document based on the requested data are concatenated with other documents having the same attribute and the same unique identifier.

DESCRIPTION - An INDEPENDENT CLAIM is included for:

1.a method for creating a computer based system for concatenating documents multiple sources, which do not share a common format or unique identifier

USE - For data collections derived from diverse sources and where the documents or data from multiple independent sources are linked up or cross-linked, based on a selected criteria, such as data owner, data generator, or relationship of the data to a particular characteristic.

ADVANTAGE - Stores documents, which relate to each other and concatenate them, based on one or more selected criteria. Builds a learning system where contexts and knowledge are being enhanced continuously allowing to operate in a more and more automated way.

DESCRIPTION OF DRAWINGS - The drawing shows a flowchart of how documents are stored and linked to documents in a database.

Title Terms/Index Terms/Additional words: SYSTEM; DOCUMENT; MULTIPLE; SOURCE; SHARE; COMMON; FORMAT; UNIQUE; IDENTIFY; ATTRIBUTE; REQUEST; DATA ; ENTER; ID

Class Codes

International Classification (Main): G06F-017/30

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B2; T01-J05B4P ; T01-J06A1; T01-J16C2...

System for concatenating documents from multiple sources, which do not share common format or unique identifier for each attribute ; concatenates document with requested data entry with other documents having same attribute and ID

...NOVELTY - The system determines whether an attribute shares a common identifier with the documents to concatenate it with other documents based on the selected attribute and identifier. Otherwise, the document is marked as being parked on the database, and requests additional information regarding the attribute...

Class Codes

...Manual Codes (EPI/S-X): T01-J05B4P

33/69,K/14 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 The Thomson Corporation. All rts. reserv.

0009898813 - Drawing available

WPI ACC NO: 2000-197467/ 200018

XRPX ACC No: N2000-146381

Managing document by application for controlling document state and behavior when document application is not running by invoking executable code of active property to perform document management function for document

Patent Assignee: DOURISH J P (DOUR-I); EDWARDS W K (EDWA-I); LAMARCA A G (LAMA-I); LAMPING J O (LAMP-I); PETERSEN K (PETE-I); SALISBURY M P (SALI-I); TERRY D B (TERR-I); THORNTON J D (THOR-I); XEROX CORP (XERO)
Inventor: DOURISH J P; EDWARDS W K; LAMARCA A G; LAMPING J O; PETERSEN K; SALISBURY M F; SALISBURY M P; TERRY D B; THORNTON J D

Patent Family (4 patents, 27 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
EP 986009	A2	20000315	EP 1999117039	A	19990830	200018	B
JP 2000090074	A	20000331	JP 1999244030	A	19990830	200027	E
US 20020055958	A1	20020509	US 1998143777	A	19980831	200235	E
US 6562076	B2	20030513	US 1998143777	A	19980831	200335	E

Priority Applications (no., kind, date): US 1998143777 A 19980831

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
--------	------	-----	----	-----	--------------

EP 986009	A2	EN	16	5	
-----------	----	----	----	---	--

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR

IE IT LI LT LU LV MC MK NL PT RO SE SI

JP 2000090074	A	JA	11		
---------------	---	----	----	--	--

Alerting Abstract EP A2

NOVELTY - An active property is attached by the application, to the document. The active property includes executable code, which performs a document management function for the document in accordance with the application. The executable code of the active property is invoked in response to a triggering event to perform the document management function for the document.

DESCRIPTION - A property attachment mechanism (125) is provided by the document management system (A), which generates, configures and attaches properties in a document reference (130) to the document (110) represented by association links (135). The document (110) is identified by a unique ID and the document reference (130) refers to the document using the same

unique ID . Properties (150) include static properties (represented by horizontal lines) and active properties (represented by circles). Active properties (140) are configured to be activated by a triggering event, which is defined by the user.

An INDEPENDENT CLAIM is included for:

1.a method of managing a document having a state and behavior

USE - In document management systems, which allows a document application to attach properties to a document.

ADVANTAGE - Allows controlling document state and behavior when the document application is not running by attaching an invocable property to the document, which manages the document.

DESCRIPTION OF DRAWINGS - The drawing shows an overall system for attaching properties to a selected document.

110 document

125 property attachment mechanism

130 document reference

135 association links

150 properties

A document management system

Title Terms/Index Terms/Additional words: MANAGE; DOCUMENT; APPLY; CONTROL; STATE; RUN; INVOKE; EXECUTE; CODE; ACTIVE; PROPERTIES; PERFORMANCE; MANAGEMENT; FUNCTION

Class Codes

International Classification (Main): G06F-015/00, G06F-017/21, G06F-017/30
(Additional/Secondary): G06F-017/24

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B2B; T01-J11D

200018

Alerting Abstract ...110) is identified by a unique ID and the document reference (130) refers to the document using the same unique ID . Properties (150) include static properties (represented by horizontal lines) and active properties (represented by circles). Active properties (140) are configured...

Class Codes

...Manual Codes (EPI/S-X): T01-J11D

?

50/5,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2006 European Patent Office. All rts. reserv.

01360871

A system and method for categorising and retrieving documents on a network
System und Methode zum Kategorisieren und Wiederauffinden von Dokumenten in
einem Netzwerk

Systeme et procede pour categoriser et recuperer des documents dans un
reseau

PATENT ASSIGNEE:

Nua Limited, (3114880), Merrion House, Merrion Road, Co. Dublin, (IE),
(Applicant designated States: all)

INVENTOR:

Lachtnain, Antoin O., 22 Lr Grand Canal Street, Dublin 2, (IE)

Holmes, Thomas, The Northumberland, Love Lane, Dublin 2, (IE)

McGovern, Gerry, 121 Park Avenue, Brackenstown, Swords, Co. Dublin, (IE)

LEGAL REPRESENTATIVE:

Lane, Cathal Michael et al (88371), c/o Tomkins & Co. 5 Dartmouth Road,
Dublin 6, (IE)

PATENT (CC, No, Kind, Date): EP 1160683 A2 011205 (Basic)
EP 1160683 A3 020130

APPLICATION (CC, No, Date): EP 2000203095 000907;

PRIORITY (CC, No, Date): IE 20000407 000524

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): G06F-017/30

ABSTRACT EP 1160683 A2

Indexing and retrieving documents stored on a network, can be extremely difficult. To alleviate these difficulties the present invention provides a computer implemented method and system of categorising documents on a network, by storing documents classifications in a document classification datastore for use with a classification system having one or more categories, each category having a plurality of classifications which are linked in a hierarchical structure (140,142,144,146), including the steps of obtaining the classifications for a document for a first category; determining a binary identifier for the document for each of the obtained classifications in the first category, combining the determined binary identifiers to produce a combined binary identifier, and storing the combined binary identifier in a datastore in association with the document. The invention further provides for a computer implemented method and system for searching documents stored in a datastore which have been classified using a classification structure comprised of a plurality of levels, with each level having relations with adjacent levels, such that each classification in the classification in the classification may have ancestor classifications and/or descendent classifications, including the steps of obtaining (124) a search criteria from a user including at least one classification to be searched, searching (130) for all documents in the datastore which have a classification matching either the classifications provided by the user in the search criteria, or a classification which is an ancestor or descendent of the classification provided by the user.

ABSTRACT WORD COUNT: 241

NOTE:

Figure number on first page: 7

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 011205 A2 Published application without search report

Search Report: 020130 A3 Separate publication of the search report

Examination: 020724 A2 Date of request for examination: 20020524

Change: 021023 A2 Legal representative(s) changed 20020904

Priority: 030122 A2 Priority information changed: 20021204

Change: 030917 A2 Legal representative(s) changed 20030801
 Examination: 041006 A2 Date of dispatch of the first examination
 report: 20040824
 Examination: 041006 A2 Date of dispatch of the first examination
 report: 20040824
 Withdrawal: 050713 A2 Date application deemed withdrawn: 20050104
 LANGUAGE (Publication,Procedural,Application): English; English; English
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200149	1189
SPEC A	(English)	200149	10967
Total word count - document A			12156
Total word count - document B			0
Total word count - documents A + B			12156

...ABSTRACT linked in a hierarchical structure (140,142,144,146), including the steps of obtaining the classifications for a document for a first category; determining a binary identifier for the document for each of the obtained classifications in the first category, combining the determined binary identifiers to produce a combined binary identifier, and storing the combined binary identifier in a datastore in association with the document. The invention further provides for a computer implemented method and system for searching documents stored in a datastore which have been classified using a classification structure comprised of a...

...SPECIFICATION which is a power of two.

The step of determining a binary identifier for each classification for a document is preferably performed by retrieving a binary identifier value, from a database containing a list of classifications and corresponding binary numbers, for each of the obtained classifications. Preferably, each classification has a...

...the determined binary identifiers may be performed by setting individual bits, as defined by the retrieved binary numbers.

The document classification datastore is preferably a document classification table in a database having a first field for identifying documents and

a second field for storing the combined binary identifiers.

Optionally, if a classification system has more than one category of classification, then a third field may be provided in the document classification table in the database, the third field identifying the category type.

In a preferred embodiment...

...the steps of obtaining a binary identifier for each classification submitted from a database of classifications containing classifications and their associated binary identifiers, performing a bitwise OR operation on all of the obtained binary identifiers to produce the search identifier.

Preferably, with the step of comparing the classification information of documents to be searched with the search identifier is performed using a bitwise OR operation, with a non-zero result indicating a match.

In another embodiment, a computer implemented method of searching documents stored in a datastore which have been classified using a classification structure comprised of a...determining means may comprise a setting means for setting individual bits, as defined by the retrieved binary numbers.

The document classification datastore is preferably a document classification table in a database having a first field for identifying documents and

a second field for storing the combined binary identifiers.

Optionally, if a classification system has more than one category of

classification, then a third field may be provided in the document classification table in the database, the third field identifying the category type.

In a preferred embodiment...

...classifications for each particular classification.

According to a further embodiment, a system is provided for searching documents having classification information stored as binary identifiers, with each classification in a category, being identified...

...CLAIMS according to any preceeding claim, wherein the step of determining a binary identifier for each classification for a document is preferably performed by retrieving a binary identifier value, from a database containing a list of classifications and corresponding binary numbers for each of the obtained classifications.

5. A computer implemented method of storing documents classifications according to claim 4, wherein each classification has a unique corresponding binary identifier.

6. A...

...the search identifier in the database to the user.

14. A computer implemented method for searching documents having classification information stored as binary identifiers, according to claim 13, wherein the step of...

...the steps of:

obtaining a binary identifier for each classification submitted from a database of classifications containing classifications and their associated binary identifiers, and performing a bitwise OR operation on all of the obtained binary identifiers to produce the search identifier.

15. A computer implemented method for searching documents having classification information stored as binary identifiers according to claims 13 or 14, wherein the step of comparing the classification information of documents to be searched with the search identifier is performed using a bitwise OR operation.

16. A computer readable storage medium having...

50/5,K/2 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2006 European Patent Office. All rts. reserv.

01357788

A system and method for publishing and categorising documents on a network
System und Methode zur Veröffentlichung und Kategorisierung von Dokumenten
auf einem Netzwerk

Systeme et procede de publication et classification de documents sur un
reseau

PATENT ASSIGNEE:

Nua Limited, (3114880), Merrion House, Merrion Road, Co. Dublin, (IE),
(Applicant designated States: all)

INVENTOR:

Lachtnain, Antoin O., 22 Lr Grand Canal Street, Dublin 2, (IE)
McGovern, Gerry, 121 Park Avenue, Brackenstown, Swords, Co Dublin, (IE)
Holmes, Thomas, The Northumberlands, Love Lane, Dublin 2, (IE)

LEGAL REPRESENTATIVE:

Lane, Cathal Michael et al (88371), c/o Tomkins & Co. 5 Dartmouth Road,
Dublin 6, (IE)

PATENT (CC, No, Kind, Date): EP 1158424 A1 011128 (Basic)

APPLICATION (CC, No, Date): EP 2000203094 000907;

PRIORITY (CC, No, Date): IE 20000406 000524

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): G06F-017/30

ABSTRACT EP 1158424 A1

Maintaining control of documents published on a network is difficult. To overcome this problem, a computer implemented method of publishing documents on a network is provided, comprising the steps of receiving a submitted document from a user, receiving a primary classification for the submitted document from the user, determining (86) a publisher associated with the primary classification, and assigning (88) the submitted document for review to the associated publisher. Further steps are provided for accepting a suitability indicator from the publisher for the submitted document, wherein a positive suitability indicator indicates the submitted document is suitable for publishing on the network, and publishing (96) the submitted document under the primary heading in response to a positive suitability indicator.

ABSTRACT WORD COUNT: 119

NOTE:

Figure number on first page: 5

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 011128 A1 Published application with search report

Examination: 020724 A1 Date of request for examination: 20020524

Examination: 020918 A1 Date of dispatch of the first examination report: 20020802

Change: 021023 A1 Legal representative(s) changed 20020904

Priority: 030122 A1 Priority information changed: 20021204

Change: 030806 A1 Legal representative(s) changed 20030617

Withdrawal: 040616 A1 Date application deemed withdrawn: 20031001

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200148	931
SPEC A	(English)	200148	10964
Total word count - document A			11895
Total word count - document B			0
Total word count - documents A + B			11895

...SPECIFICATION which is a multiple of two.

The step of determining a binary identifier for each classification for a document is preferably performed by retrieving a binary identifier value, from a database containing a list of classifications and corresponding binary numbers, for each of the obtained classifications. Preferably, each classification has a...

...the determined binary identifiers may be performed by setting individual bits, as defined by the retrieved binary numbers.

The document classification datastore is preferably a document classification table in a database having a first field for identifying documents and

a second field for storing the combined binary identifiers.

Optionally, if a classification system has more than one category of classification, then a third field may be provided in the document classification table in the database, the third field identifying the category type.

In a preferred embodiment...

...the steps of

obtaining a binary identifier for each classification submitted from a database of classifications containing classifications and their associated binary identifiers, performing a bitwise OR operation on all of the obtained binary identifiers to produce the search identifier.

Preferably, with the step of comparing the classification information of documents to be searched with the search identifier is performed using a bitwise OR operation, with a non-zero result indicating a match.

In another embodiment, a computer implemented method of searching documents stored in a datastore which have been classified using a classification structure comprised of a...determining means may comprise a setting means for setting individual bits, as defined by the retrieved binary numbers.

The document classification datastore is preferably a document classification table in a database having a first field for identifying documents and

a second field for storing the combined binary identifiers.

Optionally, if a classification system has more than one category of classification, then a third field may be provided in the document classification table in the database, the third field identifying the category type.

In a preferred embodiment...

...classifications for each particular classification.

According to a further embodiment, a system is provided for searching documents having classification information stored as binary identifiers, with each classification in a category, being identified...

50/5,K/4 (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2006 European Patent Office. All rts. reserv.

00952364

Digital integrated apparatus

Digital integriertes Gerat

Appareil integre digital

PATENT ASSIGNEE:

Matsushita Electric Industrial Co., Ltd., (1855505), 1006-banchi,
Oaza-Kadoma, Kadoma-shi, Osaka-fu, 571-8501, (JP), (Proprietor
designated states: all)

INVENTOR:

Hisatomi, Kenji, 2-26-3, Yagumokitamachi, Moriguchi-shi, Osaka-fu, (JP)
Takahashi, Naoki, 5-8-308, Myokenzaka, Katano-shi, Osaka-fu, (JP)
Kuwano, Hideyuki, 4-36-107, Sengokunishimachi, Kadoma-shi, Osaka-fu, (JP)
Yamaguchi, Takehito, 2-22-516, Takatsuka-cho, Hirakata-shi, Osaka-fu,
(JP)

Okada, Yuji, 15-3-202, Gotenyama-chu, Hirakata-shi, Osaka-fu, (JP)
Murata, Kazuyuki, 2-15-10, Kasumizaka, Kyontanaba-shi, Kyoto-fu, (JP)

LEGAL REPRESENTATIVE:

Dempster, Benjamin John Naftel et al (62251), Withers & Rogers, Goldings
House, 2 Hays Lane, London SE1 2HW, (GB)

PATENT (CC, No, Kind, Date): EP 863658 A2 980909 (Basic)

EP 863658 A3 981104

EP 863658 B1 040804

EP 863658 B1 040804

APPLICATION (CC, No, Date): EP 98301468 980227;

PRIORITY (CC, No, Date): JP 9749993 970305; JP 9749989 970305; JP 9749990
970305; JP 9749992 970305; JP 9751336 970306

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS (V7): H04N-001/21

CITED PATENTS (EP B): EP 465818 A; US 4802018 A

CITED REFERENCES (EP B):

PATENT ABSTRACTS OF JAPAN vol. 018, no. 489 (P-1799), 12 September 1994 &
JP 06 162093 A (RICOH CO LTD), 10 June 1994

PATENT ABSTRACTS OF JAPAN vol. 013, no. 053 (E-713), 7 February 1989 & JP
63 245065 A (FUJITSU LTD), 12 October 1988

PATENT ABSTRACTS OF JAPAN vol. 097, no. 006, 30 June 1997 & JP 09 044515
A (HITACHI LTD;HITACHI COMMUN SYST INC), 14 February 1997

PATENT ABSTRACTS OF JAPAN vol. 097, no. 005, 30 May 1997 & JP 09 006869 A
(OKI ELECTRIC IND CO LTD), 10 January 1997

PATENT ABSTRACTS OF JAPAN vol. 097, no. 002, 28 February 1997 & JP 08

255105 A (HITACHI LTD), 1 October 1996;

ABSTRACT EP 863658 A2

The present invention relates to a digital integrated apparatus for obtaining documentary image furnished with document ID mark at the same time with registration of documentary image. Document ID is generated when documentary image data is stored in storing means. This document ID is encoded by document ID encoding means to obtain document ID mark. The obtained document ID mark is input in pattern synthesizing means and, simultaneously as said storage, attached to specific documentary image and then output from output means such as laser printer, etc. The document can be taken out by utilizing this documentary image with document ID mark, and can also be transmitted by facsimile. Moreover, by transmitting a documentary image with document ID mark to a digital integrated apparatus from a facsimile system in a distant place, it is possible to take out the documentary image corresponding to that document ID mark.

ABSTRACT WORD COUNT: 148

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination: 021002 A2 Date of dispatch of the first examination report: 20020816
Application: 980909 A2 Published application (A1with Search Report ;A2without Search Report)
Oppn None: 050727 B1 No opposition filed: 20050506
Grant: 040804 B1 Granted patent
Change: 021127 A2 Legal representative(s) changed 20021010
Grant: 040804 B1 Granted patent
Examination: 980909 A2 Date of filing of request for examination: 980320
Search Report: 981104 A3 Separate publication of the European or International search report
Change: 990714 A2 Designated Contracting States (change)

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199837	1636
CLAIMS B	(English)	200432	1590
CLAIMS B	(German)	200432	1259
CLAIMS B	(French)	200432	1818
SPEC A	(English)	199837	14912
SPEC B	(English)	200432	14974
Total word count - document A			16551
Total word count - document B			19641
Total word count - documents A + B			36192

...SPECIFICATION panel 92. This document ID is delivered to the document management means 3, and the document management means 3 gains access to the document attribute table, and extracts the "access right", "link destination" and "link origin" attribute information corresponding to said document ID.

Based on said "link destination" and "link origin" attribute information, the document management means 3 displays, in the case where there exist some documents related to said input document ID and that the user has "access right" to those documents, a list of related documents on the control panel 92 (Fig. 14, step S142: Y...

...SPECIFICATION panel 92. This document ID is delivered to the document management means 3, and the document management means 3 gains access to the document attribute table, and extracts the "access right", "link destination" and "link origin" attribute information corresponding to said document ID.

Based on said "link destination" and "link origin" attribute information, the document management means 3 displays, in the case

where there exist some documents related to said input document ID and that the user has "access right" to those documents, a list of related documents on the control panel 92 (Fig. 14, step S142: Y...

50/5,K/8 (Item 8 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2006 European Patent Office. All rts. reserv.

00601210
Method for performing a search of a plurality of documents for similarity to a query
Verfahren zur Durchführung der Suche nach Ähnlichkeiten mit einer Abfrage in einer Dokumentenmenge
Methode pour effectuer une recherche de similarite avec une requete dans un ensemble de documents

PATENT ASSIGNEE:

XEROX CORPORATION, (219783), Xerox Square, Rochester, New York 14644, (US), (Proprietor designated states: all)

INVENTOR:

Henderson, Richard D., 505 Aleta Avenue, San Jose, California 95128, (US)
Barbarino, Michael J., 363 California Street, Moss Beach, California 94038, (US)

LEGAL REPRESENTATIVE:

Skone James, Robert Edmund et al (50281), GILL JENNINGS & EVERY Broadgate House 7 Eldon Street, London EC2M 7LH, (GB)

PATENT (CC, No, Kind, Date): EP 590858 A1 940406 (Basic)
EP 590858 B1 010905

APPLICATION (CC, No, Date): EP 93307488 930922;

PRIORITY (CC, No, Date): US 953166 920929

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS (V7): G06F-017/30

CITED PATENTS (EP A): EP 501416 A; EP 304191 A

CITED PATENTS (EP B): EP 304191 A; EP 501416 A

CITED REFERENCES (EP A):

8TH ANNUAL INTERNATIONAL CONFERENCE ON COMPUTERS AND COMMUNICATIONS 22 March 1989, USA pages 567 - 571 D. LUCARELLA : 'Heuristics to locate the best document set in information retrieval systems'

PATENT ABSTRACTS OF JAPAN vol. 14, no. 238 (P-1050)21 May 1990 & JP-A-20 059 861 (NEC CORP.) 18 February 1990

COMPUTER JOURNAL vol. 35, no. 3, June 1992, LONDON GB pages 279 - 290
H. TURTLE & B. CROFT : 'A Comparison of Text Retrieval Models';

CITED REFERENCES (EP B):

8TH ANNUAL INTERNATIONAL CONFERENCE ON COMPUTERS AND COMMUNICATIONS 22 March 1989, USA pages 567 - 571 D. LUCARELLA : 'Heuristics to locate the best document set in information retrieval systems'

PATENT ABSTRACTS OF JAPAN vol. 14, no. 238 (P-1050) 21 May 1990 & JP-A-02 059 861 (NEC CORP.) 18 February 1990

COMPUTER JOURNAL vol. 35, no. 3, June 1992, LONDON GB pages 279 - 290
H. TURTLE & B. CROFT : 'A Comparison of Text Retrieval Models';

ABSTRACT EP 590858 A1

A method for performing a search of a plurality of documents for similarity to a query word includes retrieving a first document (20), and determining (21,23) a number of occurrences of the at least one query word in the first document. Then, a next document is retrieved (25) and a number of occurrences of the at least one query word in the next document is determined (27,28). The steps are repeated (30) until each of the plurality of documents have been retrieved, and the number of occurrences of the at least one query word has been determined in each of the plurality of documents. The query word can include a plurality of query words, all of which are searched in each document, in turn, rather than being searched word by word in the whole collection of documents. The documents are then ranked according to the number of occurrences of the query words determined in each document, and a list of documents is

produced according to the document ranking. (see image in original document)

ABSTRACT WORD COUNT: 175

NOTE:

Figure number on first page: 2

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change: 000705 A1 International Patent Classification changed: 20000517

Application: 940406 A1 Published application (A1with Search Report ;A2without Search Report)

Oppn None: 020828 B1 No opposition filed: 20020606

Change: 000913 A1 International Patent Classification changed: 20000724

Grant: 010905 B1 Granted patent

Examination: 941130 A1 Date of filing of request for examination: 941006

Change: 950201 A1 Representative (change)

Change: 980805 A1 Representative (change)

Examination: 990324 A1 Date of despatch of first examination report: 990203

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF2	515
CLAIMS B	(English)	200136	502
CLAIMS B	(German)	200136	484
CLAIMS B	(French)	200136	538
SPEC A	(English)	EPABF2	2126
SPEC B	(English)	200136	2206
Total word count - document A			2641
Total word count - document B			3730
Total word count - documents A + B			6371

...CLAIMS in said second portion of said plurality of documents.

6. A method for performing a search of a plurality of documents for similarity to a plurality of query words, comprising:
generating an index of entries for...

...words of all of said documents, each of said documents being identified by a document identifier, each entry containing a document identifier and a number of occurrences that a word appears in the identified document;
for each document identifier, in turn, comparing...

50/5,K/9 (Item 9 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2006 European Patent Office. All rts. reserv.

00449142

HIERARCHICAL PRESEARCH-TYPE DOCUMENT RETRIEVAL METHOD, APPARATUS THEREFOR, AND MAGNETIC DISC DEVICE FOR THIS APPARATUS

HIERARCHISCHER VORSUCH-TYP DOKUMENT SUCHVERFAHREN, VORRICHTUNG DAZU, SOWIE EINE MAGNETISCHE PLATTENANORDNUNG FÜR DIESE VORRICHTUNG

PROCEDE DE RECHERCHE DOCUMENTAIRE A PRERECHERCHE HIERARCHIQUE, APPAREIL A CET EFFET, ET DISPOSITIF A DISQUE MAGNETIQUE DESTINE A CET APPAREIL

PATENT ASSIGNEE:

Hitachi, Ltd., (204141), 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-0062, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

KATO, Kanji, 5297-5-4, Yamaguchi Tokorozawa-shi, Saitama 359, (JP)

FUJISAWA, Hiromichi, 3-15-K-510, Kotesashicho Tokorozawa-shi, Saitama 359, (JP)

OOYAMA, Mitsuo, 625-23, Nagabusamachi Hachioji-shi, Tokyo 193, (JP)

KAWAGUCHI, Hisamitsu, 2-32, Koyasumachi Hachioji-shi, Tokyo 192, (JP)
HATAKEYAMA, Atsushi, 4-14-6, Nishikoigakubo Kokubunji-shi, Tokyo 185,
(JP)

KANEOKA, Noriyuki, 1-47-1, Akatsukicho Hachioji-shi, Tokyo 192, (JP)
AKIZAWA, Mitsuru, 2-32, Koyasumachi Hachioji-shi, Tokyo 192, (JP)
FUJINAWA, Masaaki, 2196-469, Hirai Hinodemachi, Nishitamagun Tokyo 190-01
, (JP)

MASUZAKI, Hidefumi, 1113-5, Horinishi Hadano-shi, Kanagawa 259-13, (JP)
MURAKAMI, Masaharu, 183-25, Shimobori Odawara-shi, Kanagawa 250, (JP)

LEGAL REPRESENTATIVE:

Strehl Schubel-Hopf & Partner (100941), Maximilianstrasse 54, 80538
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 437615 A1 910724 (Basic)

EP 437615 A1 930602

EP 437615 B1 981021

WO 9016036 901227

APPLICATION (CC, No, Date): EP 90909360 900614; WO 90JP774 900614

PRIORITY (CC, No, Date): JP 89149630 890614; JP 89188773 890724; JP
89188772 890724; JP 89231567 890908

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS (V7): G06F-017/30; G06F-017/40; G11B-027/00;

CITED PATENTS (EP A): US 4516166 A; EP 266586 A

CITED PATENTS (WO A): JP 1125624 A; JP 6474619 A; JP 6211932 A

CITED REFERENCES (EP A):

JOURNAL OF THE AMERICAN SOCIETY FOR INFORMATION SCIENCE vol. 37, no. 3,
May 1986, WASHINGTON US pages 123 - 135 U.MUKHOPADHYAY ET AL. 'An
intelligent system for document retrieval in distributed office
environments'

IEEE TRANSACTIONS ON COMPUTERS vol. C-35, no. 11, November 1986, NEW YORK
US pages 978 - 988 M.Y.KIM 'Synchronized disk interleaving';

ABSTRACT EP 437615 A1

A document information retrieval method of effecting full text search,
an apparatus therefor, and a magnetic disc device used therefor, wherein
two-step presearch of documents is effected with respect to a key-word
for the retrieval. In the first step (step 402) of the presearch, a
character table (500) describing, by documents, the presence or absence
of all the character codes included in a group of text data of the
documents stored is generated in advance, the character table is searched
using all character codes that constitute the keyword, and only the
documents including the character codes are picked up. In the second step
(step 403), compressed text data excluding annexed words contained in the
text data and repetitively appearing words are generated, and documents
containing the keyword as a word are picked up out of the documents
picked up in the first step. After the second step (step 403), a text
search (step 404) is effected according to proximity condition, context
condition, etc. A dedicated hardware (1106) for character string
collation based on the finite automation system is employed as character
string collation means. As for different expressions and synonyms, an
inputted character string is developed for a different expression through
a different expression developing unit (2601), and reference is made to a
synonym dictionary (2612) for each of the character strings developed for
different expression in order to develop the synonyms through a synonym
developing unit (2602). Then, the result of synonym development is
developed through the different expression developing unit (2603)
according to a conversion rule table (2603). The text data for document
retrieval are stored by a plurality of magnetic disc devices (1) operable
in parallel. These devices are simultaneously driven, and the output data
thereof are systematically processed.

ABSTRACT WORD COUNT: 294

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 910724 A1 Published application (A1with Search Report
;A2without Search Report)

Examination: 910724 A1 Date of filing of request for examination:

901220
 Search Report: 930602 A1 Drawing up of a supplementary European search report: 930415
 Examination: 960807 A1 Date of despatch of first examination report: 960621
 Grant: 981021 B1 Granted patent
 Change: 990519 B1 Inventor (change)
 Oppn None: 991013 B1 No opposition filed: 19990722
 LANGUAGE (Publication,Procedural,Application): English; English; Japanese
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9843	3357
CLAIMS B	(German)	9843	2833
CLAIMS B	(French)	9843	3998
SPEC B	(English)	9843	40195
Total word count - document A			0
Total word count - document B			50383
Total word count - documents A + B			50383

...SPECIFICATION base will be described. In this collective type magnetic disk unit, management information using a file ID (constituted by a logical classification ID and a number peculiar thereto in the logical classification) is made up as means for designating a file as a subject of access by use of the file ID.
 After the higher-rank apparatus 7 stores in the communication memory 5 the file...

50/5,K/15 (Item 6 from file: 349)
 DIALOG(R)File 349:PCT FULLTEXT
 (c) 2006 WIPO/Univentio. All rts. reserv.

00963611 **Image available**
 EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM FOR RENTAL VEHICLE SERVICES
 SYSTEME INFORMATIQUE INTERENTREPRISES A ELEMENTS MULTIPLES A ACCES INTERNET POUR SERVICES DE LOCATION DE VEHICULES

Patent Applicant/Assignee:

THE CRAWFORD GROUP INC, 600 Corporate Park Drive, St. Louis, MO 63105, US
 , US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

WEINSTOCK Timothy Robert, 1845 Highcrest Drive, St. Charles, MO 63303, US
 , US (Residence), US (Nationality), (Designated only for: US)
 DE VALLANCE Kimberly Ann, 2037 Silent Spring Drive, Maryland Heights, MO 63043, US, US (Residence), US (Nationality), (Designated only for: US)
 HASELHORST Randall Allan, 1016 Scenic Oats Court, Imperial, MO 63052, US, US (Residence), US (Nationality), (Designated only for: US)
 KENNEDY Craig Stephen, 9129 Meadowglen Lane, St. Louis, MO 63126, US, US (Residence), US (Nationality), (Designated only for: US)
 SMITH David Gary, 10 Venice Place Court, Wildwood, MO 63040, US, US (Residence), US (Nationality), (Designated only for: US)
 TINGLE William T, 17368 Hilltop Ridge Drive, Eureka, MO 63025, US, US (Residence), US (Nationality), (Designated only for: US)
 KLOPFENSTEIN Anita K, 433 Schwarz Road, O'Fallon, IL 62269, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HAFERKAMP Richard E (et al) (agent), Howell & Haferkamp, L.C., Suite 1400, 7733 Forsyth Blvd., St. Louis, MO 63105-1817, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200297700 A2 20021205 (WO 0297700)
 Application: WO 2001US51431 20011019 (PCT/WO US0151431)
 Priority Application: US 2000694050 20001020

Parent Application/Grant:

Related by Continuation to: US 2000694050 20001020 (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext word Count: 237932

English Abstract

French Abstract

La presente invention concerne un systeme informatique de transaction entre entreprises qui dans un mode de realisation prefere est destine a fournir des services de location de vehicules pour des utilisateurs a demande elevee comportant un portail de reseau Internet grace auquel l'utilisateur a demande elevee peut acceder a une pluralite de fournisseurs de services comportant un reseau informatique d'entreprise integre pour au moins un fournisseur de services de location de vehicules. Le reseau informatique de fournisseur de services de location de vehicules est configure pour l'interconnexion d'une pluralite de succursales de diversite geographique, presentant le catalogue de leurs vehicules de location disponibles et des programmes les concernant ainsi que pour la gestion de toutes les donnees de transaction concernant son entreprise. Le portail de reseau Internet permet une connectivite et une transferabilite universelles pour une association d'entreprises a plusieurs niveaux qui placent regulierement des demandes elevees d'achat de location avec son associe commercial et egalement les autres fournisseurs de services qui peuvent ou non avoir le meme systeme et logiciel informatique d'entreprise integre. L'utilisation du procede et de l'appareil de la presente invention permet de placer, de grands volumes de transactions de location, de les controler, de les modifier en cours d'operation, et de les conclure avec des operations de comptabilite financiere et paiement pratiquement sans intervention humaine.

Legal Status (Type, Date, Text)

Publication 20021205 A2 without international search report and to be republished upon receipt of that report.

Declaration 20030220 Late publication under Article 17.2a

Republication 20030220 A2 with declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

Patent and Priority Information (Country, Number, Date):

Patent: ... 20021205

Fulltext Availability:

Detailed Description

Publication Year: 2002

Detailed Description

... doing business. This added
functionality allows the invention, for example, to provide
the user with access to ...p -8

C4 :8

.9

```

o 0 0
cam o
co ul
k'
E
co
ID
:@.8
wc 0 CD
ci Q C3
El
Ca
4)
cn 0@
C 00

```

0...that executes ED***RC1 program, that calls/executes this EDMRLUA program with a single entry parameter for the ARMS Profile ID value to cause the program to perform "receive" production transaction processing. The other job, ED...the derived input data queue name from IIDQ" concatenated with the TRADING PARTNER/ VAN PROFILE ID input parameter value concatenate with the constant "1",

Confidential Page 14 of 246 8/11/00

ARMS Process Report

3. Override the derived ARMS Input file (AMINPUT) to the ARMS input TRADING PARTNER/VAN RECEIVER INPUT FILE Version Number 1. Then open the input f ile.

4. Override the derived ARMS Hold file (AMHOLD) to the ARMS Hold TRADING

PARTNER/VAN RECEIVER INPUT FILE Version Number 1, Then...Likewise, add the maintenance of these fields to the AMXBCO maintenance program and screen display file record' format (AAAM10).

Process

Hierarchical numeric ID: 1 1 3.5

Coded name:

Name: DTQ ID : 1 1 3.6

Coded name:

Name: DTQ Input Data Queue to AM0030 (DQAMSET1)

Comment...

>>>Format 69 is not valid in file 348

50/69,K/41 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 The Thomson Corporation. All rts. reserv.

0011116534 - Drawing available

WPI ACC NO: 2002-052703/ 200207

XRPX ACC No: N2002-039140

Document control method involves generating schema identifier indicating document schema, and registering attribute identifier corresponding to document schema

Patent Assignee: RICOH KK (RICO)

Inventor: EBATA J; EHATA

Patent Family (3 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
JP 2001306372	A	20011102	JP 2000121843	A	20000421	200207	B
US 20020007375	A1	20020117	US 2001838268	A	20010420	200212	E
US 6985894	B2	20060110	US 2001838268	A	20010420	200604	E

Priority Applications (no., kind, date): JP 2000121843 A 20000421

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 2001306372	A	JA	11	12	

Alerting Abstract JP A

NOVELTY - Attribute data corresponding to the contents of document are registered. The schema identifier showing the schema of document is generated. The attribute identifier corresponding to the document schema is registered.

DESCRIPTION - An INDEPENDENT CLAIM is also included for recorded medium storing the document control program.

USE - For document control.

ADVANTAGE - User is enabled to define the document attribute item freely, while searching the documents.

DESCRIPTION OF DRAWINGS - The figure shows a flowchart for document control process. (Drawing includes non-English language text).

Title Terms/Index Terms/Additional Words: DOCUMENT; CONTROL; METHOD; GENERATE; IDENTIFY; INDICATE; REGISTER; ATTRIBUTE; CORRESPOND

Class Codes

International Classification (Main): G06F-012/00, G06F-017/21

(Additional/Secondary): G06F-017/30

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0017/30 A I F B 20060101

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-H; T01-J05B; T01-J11A

200207

Original Publication Data by Authority

Claims:

...what is claimed is:1. A document management method which uses a plurality of document schemas to manage a document retrieval request, the document schemas defining a structure of document contents, each document schema including a plurality of attributes, the method comprising:assigning a schema identifier to each of the plurality of document schemas by generating a global unique identifier value every time a schema name of a new document schema is input;assigning an attribute identifier to each of the plurality of attributes of one of the plurality of...

50/69,K/44 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 The Thomson Corporation. All rts. reserv.

0006639517 - Drawing available

WPI ACC NO: 1994-016413/ 199402

XRFX ACC No: N1994-012355

Digital data processing system e.g. networked workstation, with improved backup storage - uses baseline backup procedure, in addition to full and incremental backups, to save file copies

Patent Assignee: EPOCH SYSTEMS INC (EPOC-N)

Inventor: FORTIER R W; MASTORS R M; TAYLOR T M; WALLACE J J

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 5276860	A	19940104	US 1989452960	A	19891219	199402 B

Priority Applications (no., kind, date): US 1989452960 A 19891219

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5276860	A	EN	13	1	

Alerting Abstract US A

The baseline backup procedure is used to store copies of stable files, i.e. files that are modified less frequently, if at all. With a hierarchical storage server, such files are typically those stored on tertiary storage media, e.g. erasable optical disks, WORMS or magnetic tape. The full backup procedure stores, as full backup copies, copies of all files not in the baseline backup and files that have been changed since the time of their baseline backup. The full backup procedure also stores file identifiers and signal representative of storage locations of baseline backup copies for files which have not been changed since the time of the baseline backup.

The incremental backup procedure stores, as incremental backup copies, copies of files not in the baseline or full backups, e.g., new files, and files that have changed since the time of their last backup (baseline, full or incremental). The incremental backup procedure also stores file identifiers and signals representative of storage locations of baseline backup copies for files which have not been changed since the time of the baseline backup, and also stores file identifiers and signals representative of storage locations of full and incremental backup copies for files which have not been changed since the time of their full or incremental backup.

Title Terms/Index Terms/Additional Words: DIGITAL; DATA; PROCESS; SYSTEM; IMPROVE; STORAGE; BASELINE; PROCEDURE; ADD; FULL; INCREMENT; SAVE; FILE; COPY

Class Codes

International Classification (Main): G06F-012/16

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-G03; T01-H01C

199402

Original Publication Data by Authority

Claims:

...A. memory means for storing one or more files comprising information-representative signals, each said file having a first characteristic, including a file identifier and zero, one or more attributes, B. baseline-backup means, coupled to said memory means, for retrieving from said memory means files having a first selected characteristic and storing copies thereof, said copies being referred to as "baseline-backup" copies, said baseline...
...said baseline-backup copies, C. full-backup means, coupled to said memory means, for (i) retrieving, from said memory means, files a) for which baseline-backup copies are not stored, or b) for which baseline-backup...

50/69,K/45 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 The Thomson Corporation. All rts. reserv.

0005580264 - Drawing available

WPI ACC NO: 1991-187361/ 199126

XRPX ACC No: N1991-143588

Attribute based classification and retrieval method - using codeless

classification data held in hierarchical structure which can be searched at any level

Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)

Inventor: MAKI R A; MUKHERJEE S K

Patent Family (3 patents, 3 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
EP 434586	A	19910626	EP 1990480183	A	19901113	199126 B
US 5201047	A	19930406	US 1989454227	A	19891221	199316 E
EP 434586	A3	19930407	EP 1990480183	A	19901113	199351 E

Priority Applications (no., kind, date): US 1989454227 A 19891221

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 434586	A	EN				
Regional Designated States,Original: DE FR GB						
US 5201047	A	EN	19			
EP 434586	A3	EN				

Alerting Abstract EP A

An attribute-based classification and retrieval system for group technology applications uses a codeless classification system. The classification structures are held in hierarchies and an attribute file (20).

The structures may be searched at any level. Relationships between entities and classification attributes are held in a parameter file (60) along with parameter values related to each entity-attribute pair. The results of queries on the data are stored in results files (80) as successive queries narrow the scope of the search.

ADVANTAGE/USE - Avoids the need to preplan and predefine a coding and structure for the system. @(17pp Dwg.No.5/9)@

Equivalent Alerting Abstract US A

Classification structures in the form of hierarchies based on root attributes such as function, material, shape, size and finish are stored in a classification attribute file. Searches can be performed at any level in these hierarchical structures. Detailed item parameter values and the relationship between items and classification attributes are stored in a separate file.

A classification parameter template file is used to define variable column headings for different classification attributes. Queries on the classification attributes are stored in a number of query results tables.

USE/ADVANTAGE - Classification query and retrieval system for group technology applications without fixed classification code system. Based on user-determined attributes. Easily augmented.

Title Terms/Index Terms/Additional Words: ATTRIBUTE; BASED; CLASSIFY; RETRIEVAL; METHOD; DATA; HELD; HIERARCHY; STRUCTURE; CAN; SEARCH; LEVEL

Class Codes

International Classification (Main): G06F-015/413
(Additional/Secondary): G06F-015/40, G06F-015/411

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B

199126

Original Publication Data by Authority

Claims:

...said plurality of item identifier-attribute identifier pairs in an item

and classification attributes relationship file ; and entering a first query interactively by said operator at said workstation using said interactive query system to perform a search on at least one attribute identifier in said item and classification attributes file , retrieving each said item identifier that includes said at least one attribute identifier as part of the stored item identifier - attribute identifier pair, and, using said database system, storing each said item identifier retrieved by said query in a query results file.

56/5,K/6 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2006 WIPO/Univentio. All rts. reserv.

00852840 **Image available**

COMPUTER PROGRAM CONNECTING THE STRUCTURE OF A XML DOCUMENT TO ITS
UNDERLYING MEANING

PROGRAMME INFORMATIQUE RATTACHANT LA STRUCTURE D'UN DOCUMENT XML A SA
SIGNIFICATION SOUS-JACENTE

Patent Applicant/Assignee:

CHARTERIS PLC, 6 Kinghorn Street, London EC1A 7TH, GB, GB (Residence), GB
(Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

WORDEN Robert Peel, 159 High Street, Harston, Cambridge CB2 5QD, GB, GB
(Residence), GB (Nationality), (Designated only for: US)

Legal Representative:

ORIGIN LIMITED (agent), 52 Muswell Hill Road, London N10 3JR, GB,
Patent and Priority Information (Country, Number, Date):

Patent: WO 200186476 A2-A3 20011115 (WO 0186476)

Application: WO 2001GB2078 20010511 (PCT/WO GB0102078)

Priority Application: GB 200011426 20000511

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

CN IN JP US

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Main International Patent Class (v7): G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 54789

English Abstract

A computer program which uses a set of mappings between XML logical
structures and business information model logical structures, in which
the mappings describe how a document in a given XML based language
conveys information in a business information model.

French Abstract

L'invention concerne un programme informatique utilisant une serie de
correspondances entre les structures logiques XML et les structures
logiques de modele d'information commerciale. Ces correspondances
indiquent comment un document etabli en langage XML donne vehicule
l'information dans un modele d'information commerciale.

Legal Status (Type, Date, Text)

Publication 20011115 A2 without international search report and to be
republished upon receipt of that report.

Examination 20020207 Request for preliminary examination prior to end of
19th month from priority date

Search Rpt 20020321 Late publication of international search report

Republication 20020321 A3 with international search report.

Fulltext Availability:

Detailed Description

Detailed Description

... it, and click 'Add'. The new unique identifier will then appear in the
right-hand column, as illustrated. This shows the class name, and the
set of attributes which constitute each unique identifier. There
can be several unique identifiers.

1 0 The class name is shown because unique...options include relational
databases). For 'directly accesssible' choose 'Yes' indicating that: the

DTD or XDR file can be accessed by the tool. In 'URL' enter the URL or file name of the DTD or...lik-e the way in which many relations are represented in relational databases, as 'foreign keys'. Each foreign key is a set of attribute values, which constitutes a unique identifier for the entity at the other end of the relation.

? There are choices as to...

File 347:JAPIO Dec 1976-2005/Dec(updated 060404)
(c) 2006 JPO & JAPIO

Set	Items	Description
S1	41745	IDENTIFIER? ? OR ID OR IDS
S2	253	FID OR FIDS
S3	3334	S1:S2(5N)(EMBED? OR IMBED? OR ENCOD???? ? OR INCOD???? ? OR INCORPORAT? OR COMBIN??? ? OR COMBINATION OR INCLUD? OR INCLUS?)
S4	1799	S1:S2(5N)(CONCATENAT? OR INTEGRAL? OR INTEGRAT? OR CONSTITUT? OR SUBSUM? OR COMPRIS? OR ENCOMPASS? OR CONTAIN??? ? OR COMPOSITE? ?)
S5	238	S1:S2(5N)(COMPOSING OR COMPOSE? ? OR APPEND? ? OR APPENDED OR APPENDING)
S6	1065	S1:S2(5N)(ATTACH??? ? OR LINK??? ?)
S7	4322	S1:S2(5N)PART
S8	1040845	ATTRIBUTE OR ATTRIBUTES OR SIZE OR CHARACTERISTIC? ? OR PARAMET??? ? OR FEATURE OR FEATURES OR PROPERTY? OR PROPERTIES - OR TRAIT? ?
S9	17091	CLASSIFICATION? ? OR (OCCUR????? ? OR OCCUR????? ?)(2N)(FREQUEN? OR NUMBER OR OFTEN)
S10	105882	DOCUMENT? ? OR FILE OR FILES OR COMPUTERFILE? OR TEXTFILE? OR IMAGEFILE? OR DATAFILE? OR SOUNDFILE? OR MEDIAFILE? OR SON- GFILE?
S11	898943	AUDIOFILE? OR AVFILE? OR VIDEOFILE? OR MUSICFILE? OR VIDEO- CLIP? OR MOVIECLIP? OR VIDEO? ? OR FILM? ? OR MOVIE? ? OR FIL- MSTRIP?
S12	6704	MOTIONPICTURE? OR (MOTION OR MOVING)()PICTURE? ?
S13	48728	(S8:S9 OR DATE)(5N)S10:S12
S14	302	S3:S7(5N)(S8:S9 OR DATE)
S15	29	S14 AND S13
S16	0	S15 AND AC=US/PR AND AY=(1963:2002)/PR
S17	0	S15 AND AC=US AND AY=1963:2002
S18	0	S15 AND AC=US AND AY=(1963:2002)/PR
S19	18	S15 AND PY=1963:2002
S20	91187	COLUMN?? ?
S21	106755	KEY? ?
S22	1518	S20:S21(5N)(COMBIN??? ? OR COMBINATION OR CONCATENAT?)
S23	868	S20:S21 AND S3:S7
S24	7	S23 AND S13
S25	5	S24 NOT S15
?		

? t19/9/2-4,7-8,12-14

19/9/2

DIALOG(R)File 347:JAPIO

(c) 2006 JPO & JAPIO. All rts. reserv.

07353729 **Image available**

MODULARITY EVALUATION METHOD, MODULARITY EVALUATION PROGRAM, AND COMPUTER READABLE RECORDING MEDIUM RECORDING MODULARITY EVALUATION PROGRAM

PUB. NO.: 2002-222220 [JP 2002222220 A]
PUBLISHED: August 09, 2002 (20020809)
INVENTOR(s): OYOSHI SUNAO
APPLICANT(s): JAPAN SCIENCE & TECHNOLOGY CORP
APPL. NO.: 2001-016596 [JP 200116596]
FILED: January 25, 2001 (20010125)
INTL CLASS: G06F-017/50

ABSTRACT

PROBLEM TO BE SOLVED: To quantitatively and objectively evaluate product design by using a degree of modularity measurement and a value of module property evaluation capable of reflecting loss due to attribute selection and arrangement selection of part elements.

SOLUTION: A CPU reads a part attribute file (S201) and obtains $V_k(x)$ and a combination of attributes (S202). The CPU3 obtains attribute adaptation rate mp concerning each combination of attributes and an identifier p and calculates a degree of first modularity measurement $M1$ (S203). Next, the CPU3 reads a connection strength file 63 (S205) and obtains a degree of second modularity measurement $M2$ indicating a ratio that joining among part elements is within the same module (S207). Then, as for a degree of modularity measurement at product level, weight α is read from a weight α file 65 storing weight (S209), and modularity evaluation value M is evaluated to store in a modularity measurement degree file (S211).

COPYRIGHT: (C)2002,JPO

19/9/3

DIALOG(R)File 347:JAPIO

(c) 2006 JPO & JAPIO. All rts. reserv.

07028528 **Image available**

INFORMATION PROCESSING TERMINAL AND CONTENTS ACQUISITION SYSTEM

PUB. NO.: 2001-256162 [JP 2001256162 A]
PUBLISHED: September 21, 2001 (20010921)
INVENTOR(s): ASAI TAKAYUKI
APPLICANT(s): NEC CORP
APPL. NO.: 2000-070405 [JP 200070405]
FILED: March 14, 2000 (20000314)
INTL CLASS: G06F-013/00; H04Q-007/38; H04L-012/28; H04M-011/00;
H04N-001/00; H04N-001/32

ABSTRACT

PROBLEM TO BE SOLVED: To provide an information processing terminal and a contents acquisition system capable of selecting peripheral equipments corresponding to contents.

SOLUTION: An Internet server 202 is connected to the Internet 201 and a portable terminal 206 acquires the contents through a WAP gateway 205. The

contents can be acquired similarly from a WAP server 204 connected to a WAP network 203 as well. In order to reproduce video images and sound, etc., stored in files for constituting the contents, an identifier for indicating the characteristics of the files is incorporated in the contents. The portable terminal 206 registers the peripheral equipment corresponding to the identifiers, selects the optimum peripheral equipment corresponding to extracted identifiers and transmits the file of the contents to them to perform reproduction. It is possible that a server for performing service for selecting the optimum peripheral equipment is present on a network, selects those pieces of the equipment and presents recommended equipments.

COPYRIGHT: (C)2001,JPO

19/9/4

DIALOG(R)File 347:JAPIO

(c) 2006 JPO & JAPIO. All rts. reserv.

06577618 **Image available**

SIGNED HYPERTEXT RECORDING MEDIUM, CONSTITUTING METHOD, AND METHOD AND DEVICE FOR VERIFICATION

PUB. NO.: 2000-163409 [JP 2000163409 A]
PUBLISHED: June 16, 2000 (20000616)
INVENTOR(s): FUJIMURA TAKASHI
APPLICANT(s): NIPPON TELEGR & TELEPH CORP (NTT)
APPL. NO.: 11-225162 [JP 99225162]
FILED: August 09, 1999 (19990809)
PRIORITY: 10-228233 [JP 98228233], JP (Japan), August 12, 1998
(19980812)
INTL CLASS: G06F-017/21; G06F-012/00; G06F-017/30; G09C-001/00;
H04L-009/32

ABSTRACT

PROBLEM TO BE SOLVED: To obtain a recording medium for a signed hypertext which makes it possible to define various authorities to change respective properties in a document by providing a property definition part with a restriction condition definition part which defines the values of properties, the identifier of a link-destination document, and restriction conditions for the like-destination document.

SOLUTION: The attribute definition part is provided with the restriction condition definition part which defines the values of the properties, the identifier of the link-destination document, and the restriction conditions for the link-destination document. For example, a signed document 200 consists of a schemer ID 201, a document ID 202, an issuer ID 203, a body 204, and the sign 205 of the issuer for them. The body 204 consists of ≥ 0 property definition parts 206 and 207. Further, those property definition parts 206 and 207 are defined by a group of an attribute name and a value or a group of the attribute name, the value, a link-destination document ID, and the restriction condition definition part. The restriction condition definition part defines the structure of the link-destination document and the restriction conditions for limiting the attribute values.

COPYRIGHT: (C)2000,JPO

19/9/7

DIALOG(R)File 347:JAPIO

(c) 2006 JPO & JAPIO. All rts. reserv.

06097801 **Image available**

DOCUMENT MANAGEMENT METHOD, DOCUMENT RETRIEVAL METHOD AND DOCUMENT RETRIEVAL DEVICE

PUB. NO.: 11-039320 [JP 11039320 A]
PUBLISHED: February 12, 1999 (19990212)
INVENTOR(s): YODA NOBUHISA
TAKAGI SHIRO
WATANABE HIROSHI
KIDOKORO KAZUAKI
APPLICANT(s): TOSHIBA CORP
APPL. NO.: 09-189927 [JP 97189927]
FILED: July 15, 1997 (19970715)
INTL CLASS: G06F-017/30; G06F-012/00; G06F-017/21

ABSTRACT

PROBLEM TO BE SOLVED: To efficiently retrieve needed document and job and to smoothly and efficiently execute various jobs that treat a document by collecting document operation content of a user in a job, managing history and adding how a document is used as an attribute .

SOLUTION: A document storing part 22 stores a document id that uniquely specifies a document, a document name, the name who prepares the document, preparing time and an address to a document body which are mutually associated in one document unit. A job storing part 23 stores a job id that uniquely specifies a job, a job name, a name of a person in charge who performs the job and the content that is done in the job which are mutually associated in one job unit. Job content stores a related document id, the class of reference or preparation, operation time and a comment that is freely set by a user. A history storing part 24 stores time when a document operation is performed, a person in charge who performs the document operation and the document id which are mutually associated in one history unit.

COPYRIGHT: (C)1999,JPO

19/9/8

DIALOG(R)File 347:JAPIO
(c) 2006 JPO & JAPIO. All rts. reserv.

05841268 **Image available**
FILE MANAGEMENT DEVICE AND ITS METHOD

PUB. NO.: 10-124368 [JP 10124368 A]
PUBLISHED: May 15, 1998 (19980515)
INVENTOR(s): HATANAKA MASAOKI
APPLICANT(s): FUJII XEROX CO LTD [359761] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 08-276021 [JP 96276021]
FILED: October 18, 1996 (19961018)
INTL CLASS: [6] G06F-012/00; G06F-012/00
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)

ABSTRACT

PROBLEM TO BE SOLVED: To make it possible to simultaneously register an extension attribute in plural file servers by allowing respective file servers to receive and register the extension attribute defined in these file servers in common.

SOLUTION: A file server 12 has a file management part 16, an attribute definition information management part 17 and a communication part 18 and the management part 16 has a reference attribute management part 19, a contents management part 20 and an extension attribute management part 21. The management part 17 manages information to be used for defining an extension attribute. In the case of registering attribute definition

information, a user name and a password are inputted and connected to a prescribed server 12. Then a transaction is started, attribute information is specified and an attribute definition registering operation request is outputted. whether any trouble is included in the attribute definition information or not is discriminated in accordance with the request, and when there is no trouble, the management part 17 allocates new attribute ID to the attribute definition information and permanently stores the specified attribute definition information in the management part 21.

19/9/12

DIALOG(R)File 347:JAPIO

(c) 2006 JPO & JAPIO. All rts. reserv.

05041797 **Image available**

DELETED FILE MANAGING SYSTEM

PUB. NO.: 07-334397 [JP 7334397 A]
PUBLISHED: December 22, 1995 (19951222)
INVENTOR(s): TAMURA HIDEHIRO
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 06-155335 [JP 94155335]
FILED: June 14, 1994 (19940614)
INTL CLASS: [6] G06F-012/00
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)

ABSTRACT

PURPOSE: To effectively utilize a filing device without increasing danger to disable the recovery of a deleted file so much concerning the deleted file managing system for erasing the file by making invalid an identifier in a correspondent file label.

CONSTITUTION: File labels 22-A to 22-D corresponding to respective files A to D contain the identifiers showing validity/invalidity and the date and time of deletion. when the size of a file to be prepared is larger than the size of an unused area in the case of preparing that file, a request discrimination control part 12 changes the deleted invalid files, which identifiers show invalidity, into the unused areas successively from the file with the oldest data and time deletion until the size of the unused area gets larger than the size of the file to be prepared, and the unused area enough for preparing the file is prepared.

19/9/13

DIALOG(R)File 347:JAPIO

(c) 2006 JPO & JAPIO. All rts. reserv.

04978333 **Image available**

CONTROLLER FOR PRINTING PHOTOGRAPHIC FILM

PUB. NO.: 07-270933 [JP 7270933 A]
PUBLISHED: October 20, 1995 (19951020)
INVENTOR(s): ANSHITA MASABUMI
OGAWA MINORU
HARAGUCHI TAKESHI
APPLICANT(s): KONICA CORP [000127] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 06-063886 [JP 9463886]
FILED: March 31, 1994 (19940331)
INTL CLASS: [6] G03B-027/46
JAPIO CLASS: 29.1 (PRECISION INSTRUMENTS -- Photography & Cinematography)
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers &
Microprocessors)

ABSTRACT

PURPOSE: To make the printing operation of photographic film in which a different printing size coexists, efficient.

CONSTITUTION: Cartridge ID being cartridge information, film ID being film information, the frame number of the film, printing size information, exposure condition, previously given container ID /and cartridge housing position information are read and stored from the films of all cartridges in all containers prior to the printing process, and the stored information is classified for every printing size and is stored individually onto the memory of a storing part 22. Then, the printing of a printer is controlled based on the information for each printing size.

19/9/14

DIALOG(R)File 347:JAPIO

(c) 2006 JPO & JAPIO. All rts. reserv.

04876147 **Image available**

FILE HISTORY MANAGING DEVICE

PUB. NO.: 07-168747 [JP 7168747 A]

PUBLISHED: July 04, 1995 (19950704)

INVENTOR(s): ENOKI NOBUYUKI

APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 05-315135 [JP 93315135]

FILED: December 15, 1993 (19931215)

INTL CLASS: [6] G06F-012/00

JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)

ABSTRACT

PURPOSE: To efficiently retrieve a file to which reference/correction is applied finally even when the number of files is increased and scattered by managing the file in hierarchical structure.

CONSTITUTION: A file managing part 101 updates a file information storage part 102 on which the file identifier of the file, attribute information, and plural pieces of data are recorded, and simultaneously, a file history managing part 103 which manages a file history storage part 104 on which a corresponding file identifier is recorded in order of time is provided. The identifier of the file to which the reference/correction is applied finally is stored in the file history storage part 104, and it is possible to find out the file to which the reference/correction is applied finally only by referring to the file history storage part 104 even when the file is scattered.

? t19/9/15,17

19/9/15

DIALOG(R)File 347:JAPIO

(c) 2006 JPO & JAPIO. All rts. reserv.

04700612 **Image available**

WORD PROCESSOR

PUB. NO.: 07-021212 [JP 7021212 A]

PUBLISHED: January 24, 1995 (19950124)

INVENTOR(s): HAMADA HIDETOSHI

APPLICANT(s): FUJI XEROX CO LTD [359761] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 05-166929 [JP 93166929]

FILED: July 06, 1993 (19930706)

INTL CLASS: [6] G06F-017/30; G06F-017/27

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.2 (INFORMATION PROCESSING -- Memory Units)

ABSTRACT

PURPOSE: To remove a matching processing between the dictionaries and to reduce storage capacity by unitarily managing an analysis dictionary and a retrieval dictionary.

CONSTITUTION: A dictionary 13d provided with attribute information including a document identifier and with data for morpheme analysis in accordance with a headword, a morpheme analysis part 13c extracting a word by referring to the dictionary 13d from a designated document, a registration part 13b registering the document identifier into the document attribute column of the headword in the dictionary 13d, which corresponds to the extracted word, and a retrieval part 13a retrieving the document identifier including the headword by referring to the headword of the dictionary 13d from the designated word are provided.

19/9/17

DIALOG(R)File 347:JAPIO

(c) 2006 JPO & JAPIO. All rts. reserv.

03313578 **Image available**

DOCUMENT SECURITY PROTECTING DEVICE

PUB. NO.: 02-289078 [JP 2289078 A]

PUBLISHED: November 29, 1990 (19901129)

INVENTOR(s): YASUMATSU HIROMI

APPLICANT(s): FUJII XEROX CO LTD [359761] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 01-049890 [JP 8949890]

FILED: March 03, 1989 (19890303)

INTL CLASS: [5] G06F-015/20

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

JOURNAL: Section: P, Section No. 1167, Vol. 15, No. 67, Pg. 13, February 18, 1991 (19910218)

ABSTRACT

PURPOSE: To enhance the safety of a document by designating whether the security protection exists or not at every prepared document.

CONSTITUTION: An implementor of a document prepares the document by using his own work stations 12-1 - 12-N, and at the time of saving this prepared document, an identifier ID of the implementor is added as an attribute of the document. Document data is stored in a document data store part 46, and the ID is stored in a document attribute data store part 47 by coordinating it to its document. In the case it is desired to execute security designation of this document, when an operator aligns a cursor with a mark 53 of 'exist' and clicks it by operating a mouse 21, the security designation of this document is executed. Also, in the case a condition of coincidence of the identifier ID is not satisfied, as for that which is designated as a security document, its electronic copying is inhibited. In such a way, the safety of the document can be enhanced.
?

25/9/5
DIALOG(R)File 347:JAPIO
(c) 2006 JPO & JAPIO. All rts. reserv.

04445319 **Image available**
DATA BASE SYSTEM

PUB. NO.: 06-089219 [JP 6089219 A]
PUBLISHED: March 29, 1994 (19940329)
INVENTOR(s): HARADA RIRIAN
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
 (Japan)
APPL. NO.: 04-238245 [JP 92238245]
FILED: September 07, 1992 (19920907)
INTL CLASS: [5] G06F-012/00
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: P, Section No. 1764, Vol. 18, No. 353, Pg. 7, July
 04, 1994 (19940704)

ABSTRACT

PURPOSE: To provide a data base system which speedily makes access to the data of a complicated structure where the information structure of the real world is directly reflected by means of an index.

CONSTITUTION: A data base 1 where reference can be executed between data is provided. A file management part 2 adds the identifiers 6a-6n of data required for the access operation of a file at respective data and attributes 7a-7b as indexes 8a-8n, and holds the identifier 6i of data of the file and the attribute 7n of data in the file, correlating them with each other, as a new index 10 for directly retrieving the identifier 6i of data in a different file 4i where the value of the attribute 7n of data in the file 4n is set to be a retrieval key 9. A data base management part 3 operates the new index 10 so as to make access to the file when an inquiry for requesting the identifier of different data for the value of the attribute of data is given.

? show files;ds;t11/9/1;t11/5,k/2;t11/69,k/3-8
File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)
(c) 2006 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2006/ 200632
(c) 2006 European Patent Office
File 349:PCT FULLTEXT 1979-2006/UB=20060803,UT=20060727
(c) 2006 WIPO/Univentio
File 350:Derwent WPIX 1963-2006/UD=200651
(c) 2006 The Thomson Corporation

Set	Items	Description
S1	7	AU='KAUFFMAN S'
S2	14	AU='KAUFFMAN S V'
S3	18	AU='KAUFFMAN STEVEN V':AU='KAUFFMAN STEVEN VICTOR 6762 END-MOOR DRIVE SAN'
S4	25	S1:S3
S5	1990990	SEARCH?
S6	1456357	KEY?????? ? OR IDENTIFY? OR IDENTIFI?
S7	20047	KEYWORD?
S8	86217	S5(100N)S6:S7
S9	2	S4 AND S8
S10	8	S4 AND S6:S7
S11	8	S9:S10

11/9/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2006 JPO & JAPIO. All rts. reserv.

07567200 **Image available**
METHOD AND SYSTEM FOR SPECIFYING SELECTION OF CONTENT SEGMENTS STORED IN DIFFERENT FORMATS

PUB. NO.: 2003-061041 [JP 2003061041 A]
PUBLISHED: February 28, 2003 (20030228)
INVENTOR(s): KAUFFMAN STEVEN V
RICHTER RAINER
DOONG JANE K
LEWIS LARA M
YEH CHIUNN-SHYONG
YING JOHN
APPLICANT(s): INTERNATL BUSINESS MACH CORP (IBM)
APPL. NO.: 2002-104773 [JP 2002104773]
FILED: April 08, 2002 (20020408)
PRIORITY: 01 829676 [US 2001829676], US (United States of America),
April 09, 2001 (20010409)
INTL CLASS: H04N-005/91; G11B-027/032; H04N-005/76; H04N-005/78

ABSTRACT

PROBLEM TO BE SOLVED: To provide a method, system and program product for specifying a selection of content segments stored in different formats.

SOLUTION: This invention involves receiving specification of a plurality of portions of first content stored in a first format, the specification identifying the beginning and ending frames for each portion, and building a list comprising a starting mark and ending mark for each selected portion of first content the list for use in accessing corresponding portions of the same content stored as second content in a second format.

COPYRIGHT: (C)2003,JPO

11/5,k/2 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2006 European Patent Office. All rts. reserv.

00380326

Method for sharing common values implicitly among communicating generative objects.

Verfahren zur impliziten Verteilung von gemeinsamen Werten zwischen mitteilenden aktiven Objekten.

Methode de partage implicite de valeurs communes entre des objets actifs communicants.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Beitel, Bradley James, 17222 Skyline Blvd., Woodside, CA 94062, (US)

Gordon, Robert Douglas, 1321 Lennox Way, Sunnyvale, CA 94087, (US)

Hao, Ming Chou, 28060 Story Hill Lane, Los Altos Hills, CA 94022, (US)

Kauffman, Steven Victor, 6762 Endmoor Drive, San Jose, CA 95119, (US)

Obermarck, Ronald Lester, 584 Marlin Court, Redwood City, CA 94065, (US)

Sherman, Arthur Michael, 15920 La Escuela Court, Morgan Hill, CA 95037, (US)

Thieme, Lynne Carol, 111 Hedge Road, Menlo Park, CA 94025, (US)

Trivett, Gene Edward, 540 Wayside Road, Portola Valley, CA 94025, (US)

Trivett, Lynn, 540 Wayside Road, Portola Valley, CA 94025, (US)

LEGAL REPRESENTATIVE:

Burt, Roger James, Dr. (52152), IBM United Kingdom Limited Intellectual Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 360769 A2 900328 (Basic)

EP 360769 A3 920826

APPLICATION (CC, No, Date): EP 89850239 890724;

PRIORITY (CC, No, Date): US 246472 880919

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS (V7): G06F-009/40; G06F-015/40;

CITED PATENTS (EP A): US 4736321 A

CITED REFERENCES (EP A):

IEEE TRANSACTIONS ON COMPUTERS. vol. 37, no. 8, August 1988, NEW YORK US pages 930 - 944; R. BISIANI: 'Multilanguage Parallel Programming of Heterogeneous Machines'

IEEE EXPERT. vol. 3, no. 2, July 1988, NEW YORK US pages 60 - 68; S. HEUER ET AL: 'INVEST: An Expert System for Financial Investments'

IBM TECHNICAL DISCLOSURE BULLETIN. vol. 28, no. 10, March 1986, NEW YORK US pages 4224 - 4227; 'Message interface among concurrent processes using an abstract data type';

ABSTRACT EP 360769 A2

A method for synchronizing common values in a distributed system, at least one node of which is a cyclic, rule-based, object-sensitive production system. Values altered in one part of the system are implicitly rather than explicitly communicated and processed to and from the rule-based node. All communications to the rule-based node of common values changed by the nonrule-based nodes are by way of a list independent of and concurrently with any procedural request of the rule-based node, there being no necessary relation between the list contents and the procedural request. (see image in original document)

ABSTRACT WORD COUNT: 99

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 900328 A2 Published application (A1with Search Report ;A2without Search Report)

Examination: 900919 A2 Date of filing of request for examination: 900723

Search Report: 920826 A3 Separate publication of the European or International search report

Change: 921125 A2 Representative (change)

Withdrawal: 930804 A2 Date on which the European patent application was deemed to be withdrawn: 930202

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	1049
SPEC A	(English)	EPABF1	3793
Total word count - document A			4842
Total word count - document B			0
Total word count - documents A + B			4842

INVENTOR:

... US)
 Kauffman, Steven Victor ...

...SPECIFICATION typical control cycle of such a rule-based system comprises the cyclic steps of (i) identifying an executable subset of rules by matching the pattern parts of the rules to those...

...storage means modified or created during a preceding cycle, (ii) selecting a rule from the identified rules, and (iii) executing the action prescribed by the selected rule.

Rule-based systems of...components. The objects expressing common values would include symptoms, engine components, menu and graphics screen identifiers.

Initially, a mechanic utilizing a remote terminal-based DPE utilizing an initial menu would input...

...expressing common values would be sent to the remote terminal-based DPE. This object would identify, for example, a graphics screen displaying the auto engine part presumptively faulty. In the event...

...was requested, then another object expressing common values would be sent to the DPE terminal identifying a menu displaying questions to be answered by way of the mechanic's input. The...

...CLAIMS storage means for executing a control cycle, said control cycle comprising the steps of:
 (i) identifying an executable subset of rules by matching the pattern parts of the rules to those...

...storage means modified or created during a preceding cycle,
 (ii) selecting a rule from the identified rules, and
 (iii) executing the action prescribed by the selected rule;
 said method comprising the...

>>>Format 69 is not valid in file 348

11/69,K/3 (Item 1 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2006 The Thomson Corporation. All rts. reserv.

0014449163 - Drawing available

WPI ACC NO: 2004-640065/

XRPX ACC No: N2004-505856

Object processing method for e.g. electronic office document, involves processing object by executing multiple processing tasks specified in graphical user interface-generated processing script

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BENSON D E; KAUFFMAN S V

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20040143597	A1	20040722	US 2003346339	A	20030117	200462 B

Priority Applications (no., kind, date): US 2003346339 A 20030117

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
--------	------	-----	----	-----	--------	-------

Alerting Abstract US A1

NOVELTY - A processing script specifying multiple processing tasks, is associated with the object. The script is located by locating the object, when a request for processing the object is received. The object is processed by executing the tasks, based on the specification in the script.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1.a program product for processing object stored in data store; and

2.an object processing apparatus.

USE - For processing objects in data store such as spectrum of digital information, collection of scanned images, facsimiles, electronic office documents, XML files, HTML files, computer output, audio, video, multimedia and virtual reality.

ADVANTAGE - Performs reliable accessing of objects stored in the data store, rapidly in an optimized manner.

DESCRIPTION OF DRAWINGS - The figure is a block diagram of the content management system.

12a-12c clients
32 workflow server
34 pre-defined workflow
36a-36c workbaskets

Title Terms/Index Terms/Additional words: OBJECT; PROCESS; METHOD;
ELECTRONIC; OFFICE; DOCUMENT; EXECUTE; MULTIPLE; TASK; SPECIFIED;
GRAPHICAL; USER; INTERFACE; GENERATE; SCRIPT

Class Codes

International Classification (Main): G06F-017/00

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-F05E; T01-F07; T01-N02B1A; T01-S03

...Inventor: KAUFFMAN S V

Original Publication Data by Authority

Inventor name & address:

... Kauffman, Steven Victor

Original Abstracts:

...content management system, with the object and script associated with one another by way of identifying the script in metadata stored in the system for the object. The script can be...

11/69,K/4 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 The Thomson Corporation. All rts. reserv.

0013650510 - Drawing available

WPI ACC NO: 2003-746539/

XRPX ACC No: N2003-598220

Computing device for retrieving digitally stored documents, sequentially retrieves stored documents, based on priority of prioritized attribute assigned to stored document

Patent Assignee: BUSINESS MACHINES CORP (BUSI-N)

Inventor: KAUFFMAN S V

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
------------------	------	------	-----------------------	------	------	--------

US 20030172048 A1 20030911 US 200291885 A 20020306 200370 B

Priority Applications (no., kind, date): US 200291885 A 20020306

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20030172048	A1	EN	9	5	

Alerting Abstract US A1

NOVELTY - A processor assigns prioritized attribute such as the date the document is created or published, size of the document and the number of occurrences of a specific word or words, to a digital document (260) before storing in a database (220). The stored documents are sequentially retrieved according to the priority of the prioritized attribute of the stored document.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1. stored document retrieving method; and
2. program storage device.

USE - For retrieving digitally stored document using wide area network, local area network, intranet, virtual private network and Internet.

ADVANTAGE - Efficiently retrieves the stored digital documents.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the computing device.

- 210 user terminal
- 215 text engine
- 220 database
- 225 sorting processor
- 260 document

Title Terms/Index Terms/Additional words: COMPUTATION; DEVICE; RETRIEVAL; DIGITAL; STORAGE; DOCUMENT; SEQUENCE; BASED; PRIORITY; ATTRIBUTE; ASSIGN

Class Codes

International Classification (Main): G06F-007/00

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B3; T01-J05B4P; T01-J11D; T01-N03A2

Inventor: KAUFFMAN S V

Original Publication Data by Authority

Inventor name & address:

Kauffman, Steven Victor ...

Original Abstracts:

...least one prioritized attribute assigned to the stored data. The stored data may include an identifier, and the at least one prioritized attribute may be encoded into the identifier. The stored data, means for assigning, and means for retrieving may be connected to and...

11/69,K/5 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 The Thomson Corporation. All rts. reserv.

0013568240 - Drawing available

WPI ACC NO: 2003-662571/200362

XRPX ACC No: N2003-528823

Asset class instance querying method in digital library involves processing query accessing asset object instances of asset name to determine instances

whose attribute object matches attribute value and satisfies search predicate

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: KAUFFMAN S V ; ROBERTSON J D

Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20030135492	A1	20030717	US 200253113	A	20020117	200362	B
US 7035842	B2	20060425	US 200253113	A	20020117	200628	E

Priority Applications (no., kind, date): US 200253113 A 20020117

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20030135492	A1	EN	22	9	

Alerting Abstract US A1

NOVELTY - The asset object instances are provided for the attributes in the provided asset classes. A query indicating an asset name, a search predicate, an attribute operator and an attribute value are provided. The query is processed, by accessing the asset object instances of the asset name to determine the instances whose attribute object matches the attribute value and satisfies the search predicate.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.a data querying system;
- 2.an asset querying code; and
- 3.a computer program.

USE - Applicable in digital library.

ADVANTAGE - Improves management of storage and relationship of predetermined data in digital library. Allows definition of asset classes with different data structures to accommodate different type of data.

DESCRIPTION OF DRAWINGS - The figure shows the relationship between asset and attributes and attribute values defined for asset.

Title Terms/Index Terms/Additional Words: CLASS; INSTANCE; METHOD; DIGITAL; LIBRARY; PROCESS; QUERY; ACCESS; OBJECT; NAME; DETERMINE; ATTRIBUTE; MATCH; VALUE; SATISFY; SEARCH

Class Codes

International Classification (Main): G06F-007/00

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0017/30 A I F B 20060101

G06F-0007/00 A I L B 20060101

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B1; T01-J05B4P; T01-S03

Inventor: KAUFFMAN S V ...

Original Publication Data by Authority

Inventor name & address:

Kauffman, Steven Victor ...

... Kauffman, Steven Victor

Claims:

...defined to have an attribute object comprising an external data object and attribute object type identifying a type of the attribute object, wherein the attribute object type indicates one of a plurality of different

data structure formats searchable through separate application programs, wherein the data structure formats include a multimedia file, a database object accessed through a database application program, and a text object accessed through a text search engine application program; providing an asset object for each instance of one asset class and...

11/69,K/6 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 The Thomson Corporation. All rts. reserv.

0013101126 - Drawing available
WPI ACC NO: 2003-182398/200318
XRPX ACC No: N2003-143504

Video content segments selection specification method for multimedia industry, involves creating list comprising starting and ending marks for selected portions of video content stored in low resolution format

Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: DOONG J K; KAUFFMAN S V ; LEWIS L M; RICHTER R; YEH C; YEH C S;
YING J

Patent Family (3 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20020146236	A1	20021010	US 2001829676	A	20010409	200318	B
JP 2003061041	A	20030228	JP 2002104773	A	20020408	200325	E
JP 3726957	B2	20051214	JP 2002104773	A	20020408	200582	E

Priority Applications (no., kind, date): US 2001829676 A 20010409

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20020146236	A1	EN	18	7	
JP 2003061041	A	JA	14		
JP 3726957	B2	JA	20		Previously issued patent JP 2003061041

Alerting Abstract US A1

NOVELTY - Specification identifying beginning and ending frames for portions of the video content stored in a low resolution format are received. A list comprising starting and ending marks for each of the selected portion of the video content is created, to access corresponding portions of the video content stored in high resolution format.

DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

1.Computer program product for specifying selection of video content segments; and

2.Video content segments selection specification system.

USE - For specifying selection of video contents segments for digitization, cataloging, storage, access, retrieval and editing of video contents for news or entertainment programs in multimedia industry.

ADVANTAGE - By creating a list of starting and ending marks of selected portions of video content stored in low resolution format, the corresponding portions of the video content stored in high resolution format can be accessed. Hence an end-to-end solution for permitting fast access to video content is provided. Thereby, a high quality content stream suitable for televising is enabled.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the dual path video content management system.

Title Terms/Index Terms/Additional words: VIDEO; CONTENT; SEGMENT; SELECT; SPECIFICATION; METHOD; INDUSTRIAL; LIST; COMPRISE; START; END; MARK; PORTION; STORAGE; LOW; RESOLUTION; FORMAT

Class Codes

International Classification (Main): H04N-005/76, H04N-005/91
(Additional/Secondary): G11B-027/00, G11B-027/032, H04N-005/78

File Segment: EPI;

DWPI Class: T01; T03; W04

Manual Codes (EPI/S-X): T01-S02; T03-J; W04-H01C; W04-H05E

...Inventor: KAUFFMAN S V

...NOVELTY - Specification identifying beginning and ending frames for portions of the video content stored in a low resolution...

Original Publication Data by Authority

Inventor name & address:

KAUFFMAN STEVEN V ...

... Kauffman, Steven V

Original Abstracts:

...of a plurality of portions of first content stored in a first format, the specification identifying beginning and ending frames for each portion, and building a list comprising a starting mark...

Claims:

...of a plurality of portions of first content stored in a first format, the specification identifying beginning and ending frames for each portion; andBuilding a list comprising a starting mark...

11/69,K/7 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 The Thomson Corporation. All rts. reserv.

0009967307 - Drawing available

WPI ACC NO: 2000-269592/200023

XRPX Acc No: N2000-201766

Object management system for digital library

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BAER W J; DOONG J K; HU J E; KAUFFMAN S V ; LEWIS L M; PARRISH R E

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 6035303	A	20000307	US 199817400	A	19980202	200023 B

Priority Applications (no., kind, date): US 199817400 A 19980202

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6035303	A	EN	14	6	

Alerting Abstract US A

NOVELTY - The object management system has a predetermined structure, which includes connected object vault (210), digital library (270) and structural type manager (220), for storing objects. The object vault stores an object into the digital library based on the data in the structural type manager and according to the structural type of the object.

DESCRIPTION - The structural type manager and object vault are connected to a Java/Digital library class module (230) comprising of Java classes used to access the digital library. INDEPENDENT CLAIMS are also included for the following:

- 1.the storage of object in the object management system;
- 2.and the computer program product for the object management system.

USE - For digital libraries. For storing and integrating object-oriented objects with a digital library.

ADVANTAGE - Simplifies indexing of objects in a storage layer. Ensures automatic storage of attributes of an object in a catalog in the form of a dictionary, more specifically key value dictionary (KVD), to provide efficient and simple retrieval of object. Uses a digital library for storing persistent objects. Recreates KVD using appropriate queries to extract keys and their values, and to recreate KVD from the blob. Flexible for object management in existing storage layers while requiring very few changes to existing software components and no changes to the existing stored data. Allows conventional accessing and processing of data with virtually no impact on performance.

DESCRIPTION OF DRAWINGS - The figure shows the object management system.

210 Object vault

220 Structural type manager

230 Java/Digital library class module

270 Digital library

Title Terms/Index Terms/Additional Words: OBJECT; MANAGEMENT; SYSTEM;
DIGITAL; LIBRARY

Class Codes

International Classification (Main): G06F-017/30

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-F05G5; T01-F07; T01-J05B4; T01-S03

...Inventor: KAUFFMAN S V

Alerting Abstract ...attributes of an object in a catalog in the form of a dictionary, more specifically key value dictionary (KVD), to provide efficient and simple retrieval of object. Uses a digital library for storing persistent objects. Recreates KVD using appropriate queries to extract keys and their values, and to recreate KVD from the blob. Flexible for object management in...

Original Publication Data by Authority

Inventor name & address:

... Kauffman, Steven Victor

Original Abstracts:

...program is connected to the object vault. Objects to be stored are represented as a Key Value Dictionary (KVD) in which attributes, or metadata, relating to the objects are stored as key -value pairs. Objects are categorized as having different structural types in which certain attributes for objects having the same structural type are cataloged to facilitate indexing and searching for the objects. The structural type manager maintains a mapping between structural types and a subset of keys for the structural types as well as corresponding database references for cataloging the object attributes...

...storing objects in the digital library where the corresponding database references for the subset of keys are retrieved from the structural type manager. The values corresponding to the subset of keys are retrieved from the Key Value Dictionary and stored in the library catalog. The Key Value Dictionary is serialized and stored in the digital library, and a signature is returned...

...stored in the digital library is retrieved by locating the objected based on the cataloged key values. Preferably the persistent objects are Java programming language objects.

11/69,K/8 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 The Thomson Corporation. All rts. reserv.

0009181765 - Drawing available

WPI ACC NO: 1999-105453/199909

XRPX Acc No: N1999-076184

Large digital objects storage and management method in client-server digital library system - involves transmitting each of divided pieces of digital object from client, and storing them in object server where information regarding them is stored in centralised server

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: KAUFFMAN S V ; LEWIS L M; PARRISH R E

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 5857203	A	19990105	US 1996688116	A	19960729	199909 B

Priority Applications (no., kind, date): US 1996688116 A 19960729

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5857203	A	EN	15	5	

Alerting Abstract US A

The digital object is divided into various pieces (28a,28b). A piece map for storing piece identification information is generated. Each of the pieces and piece map are transmitted from client and are stored in object server. The information about each of the pieces and piece map is stored in centralised server.

USE - For storage and management of documents, graphics, audio, video, spreadsheets and word processing text in client-server digital library system.

ADVANTAGE - Creates new piece effectively when piece is modified. Supports sharing of pieces without having to replicate pieces thereby saving storage space. Updates or changes pieces individually without affecting storage of share pieces.

Title Terms/Index Terms/Additional words: DIGITAL; OBJECT; STORAGE; MANAGEMENT; METHOD; CLIENT; SERVE; LIBRARY; SYSTEM; TRANSMIT; DIVIDE; PIECE; INFORMATION; CENTRE

Class Codes

International Classification (Main): G06F-017/30

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B2; T01-M02A1B

Inventor: KAUFFMAN S V ...

Alerting Abstract ...digital object is divided into various pieces (28a,28b). A piece map for storing piece identification information is generated. Each of the pieces and piece map are transmitted from client and ...

Original Publication Data by Authority

Inventor name & address:

... Kauffman, Steven Victor

Claims:

...storing a piece map and said plurality of pieces, wherein said piece map includes piece identifying information identifying each of said

plurality of pieces, whereby access to the pieces is based on the piece identification information in the piece map; anda centralized server having a parts table for storing said piece identifying information and piece location information identifying which one of said object servers each of said plurality of pieces is stored, and storing piece map identification information identifying said piece map and piece map location information identifying one of said object servers within which said piece map is stored.